

FIG. 1

FIG. 2

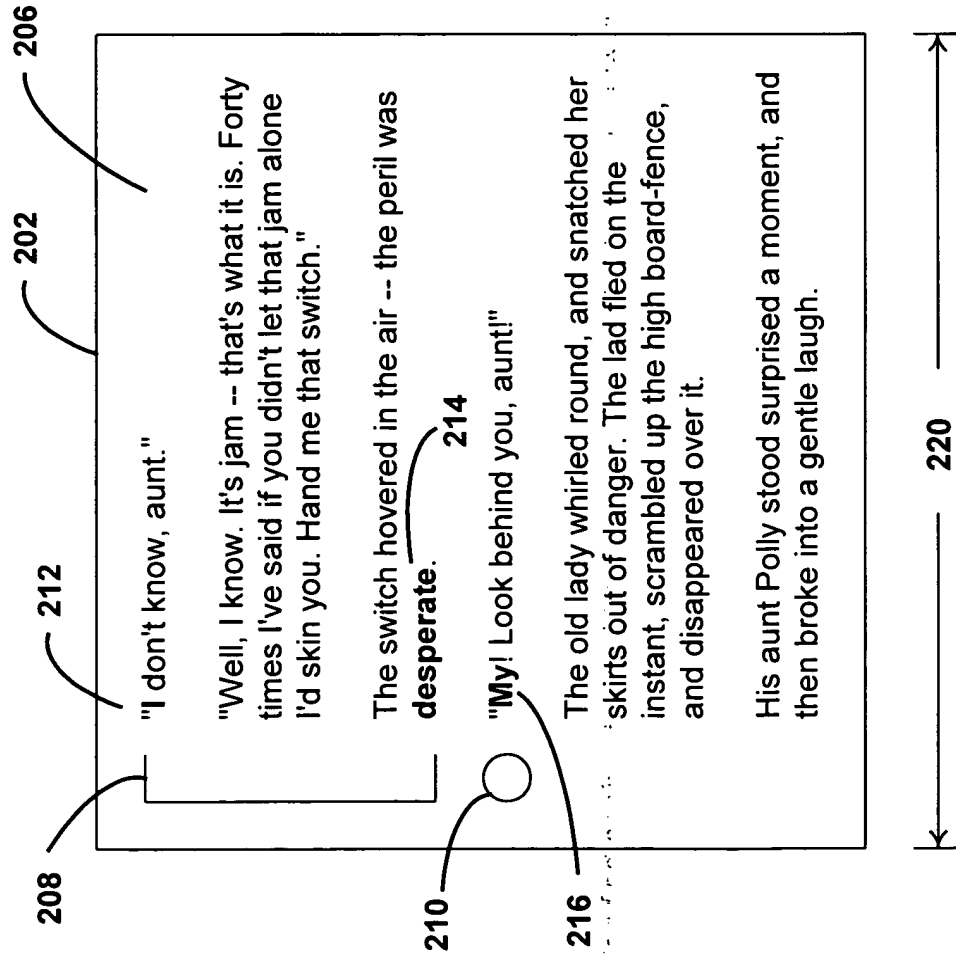


FIG. 3

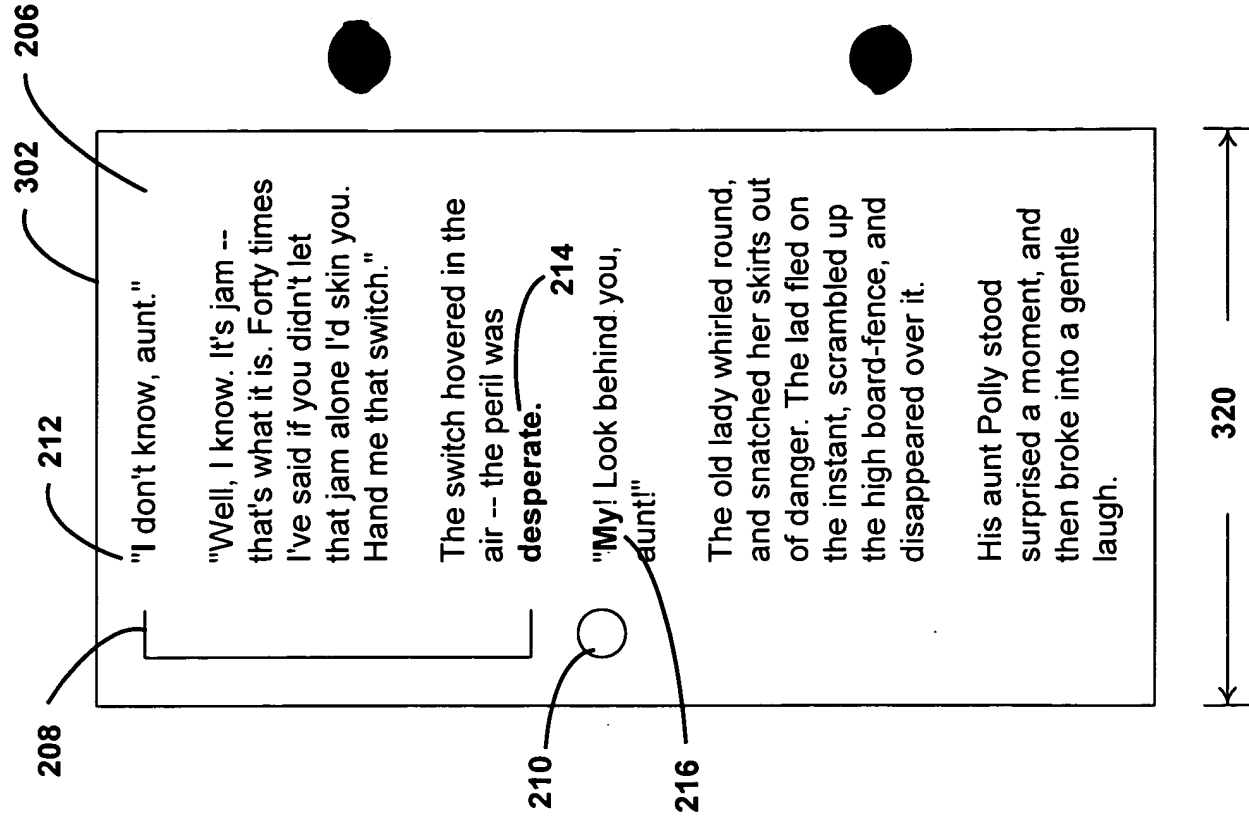


FIG. 4

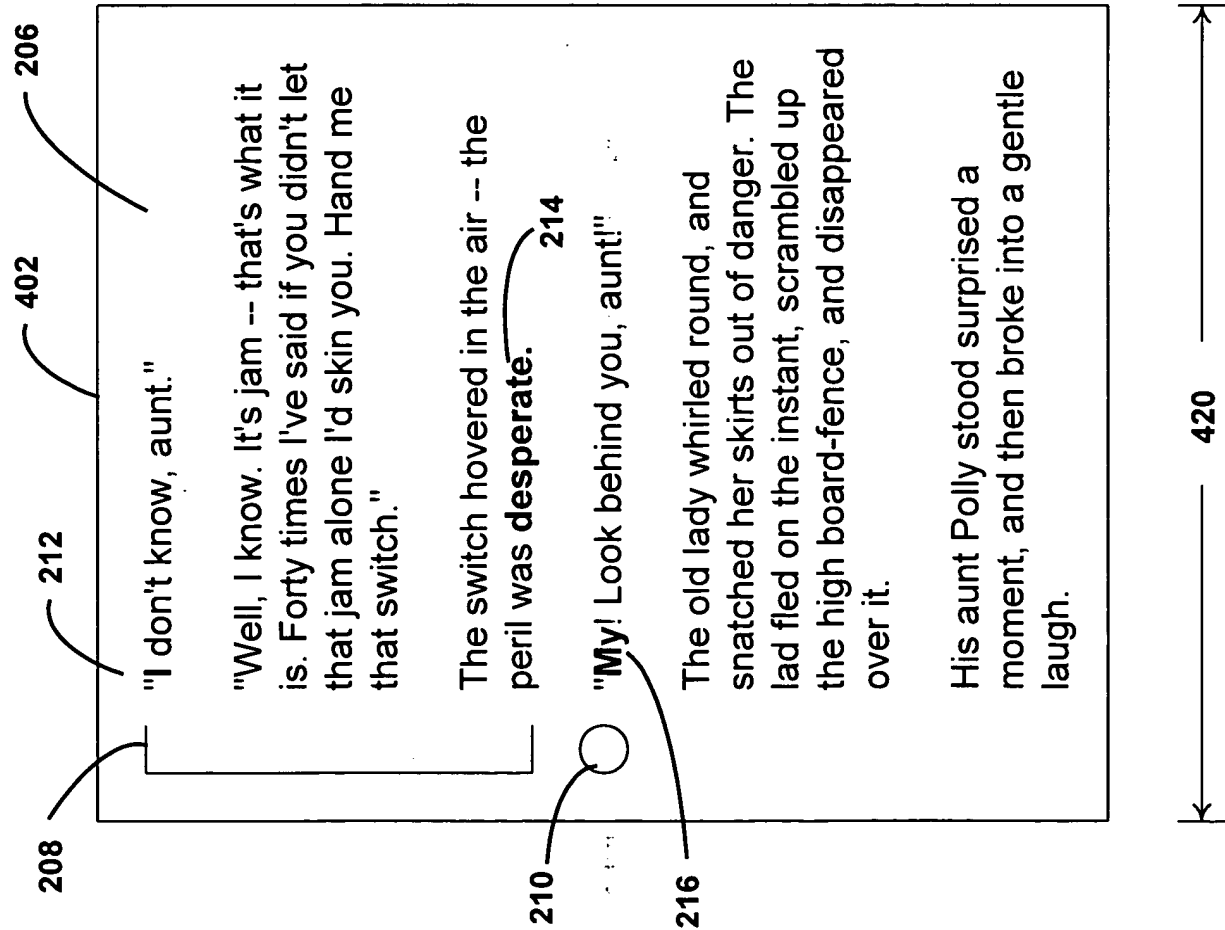
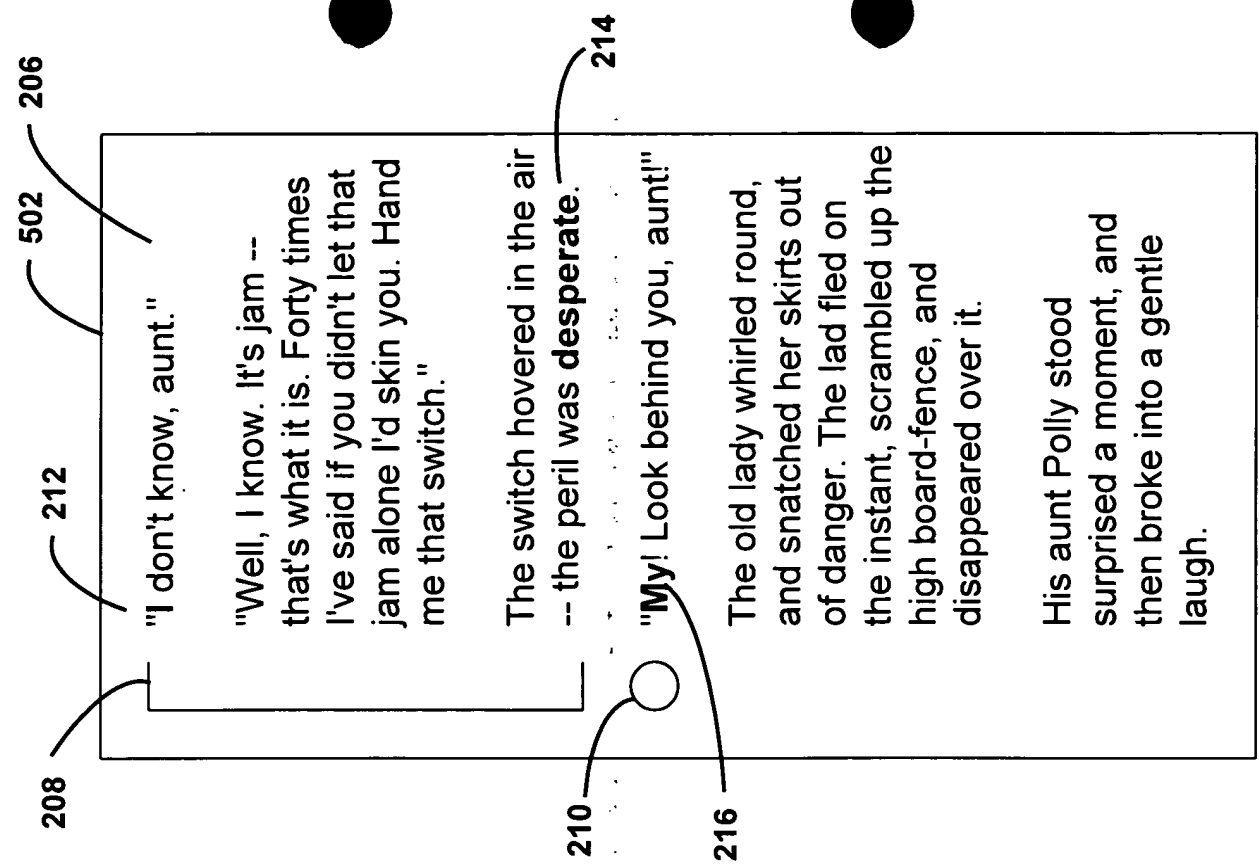


FIG. 5



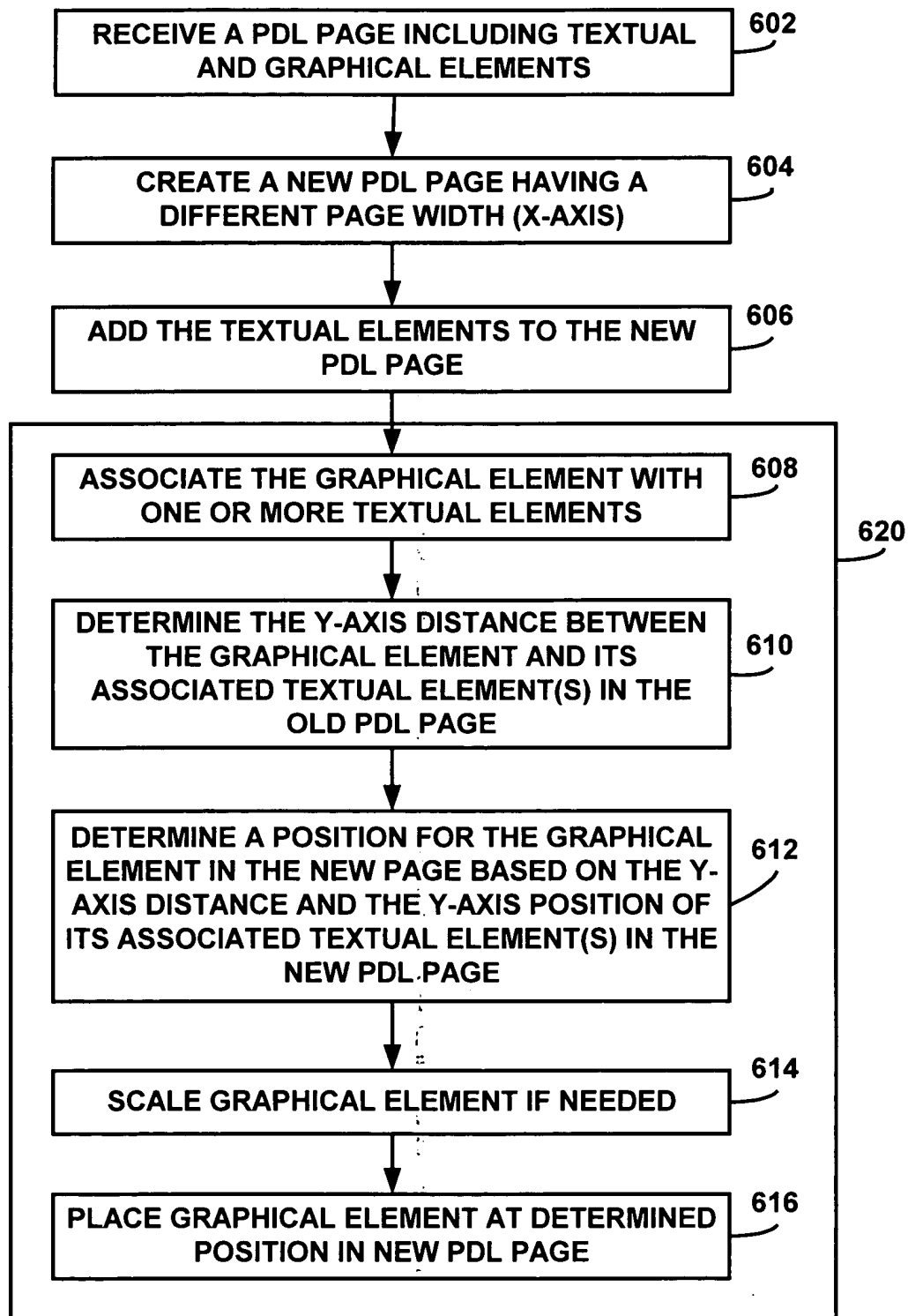


FIG. 6

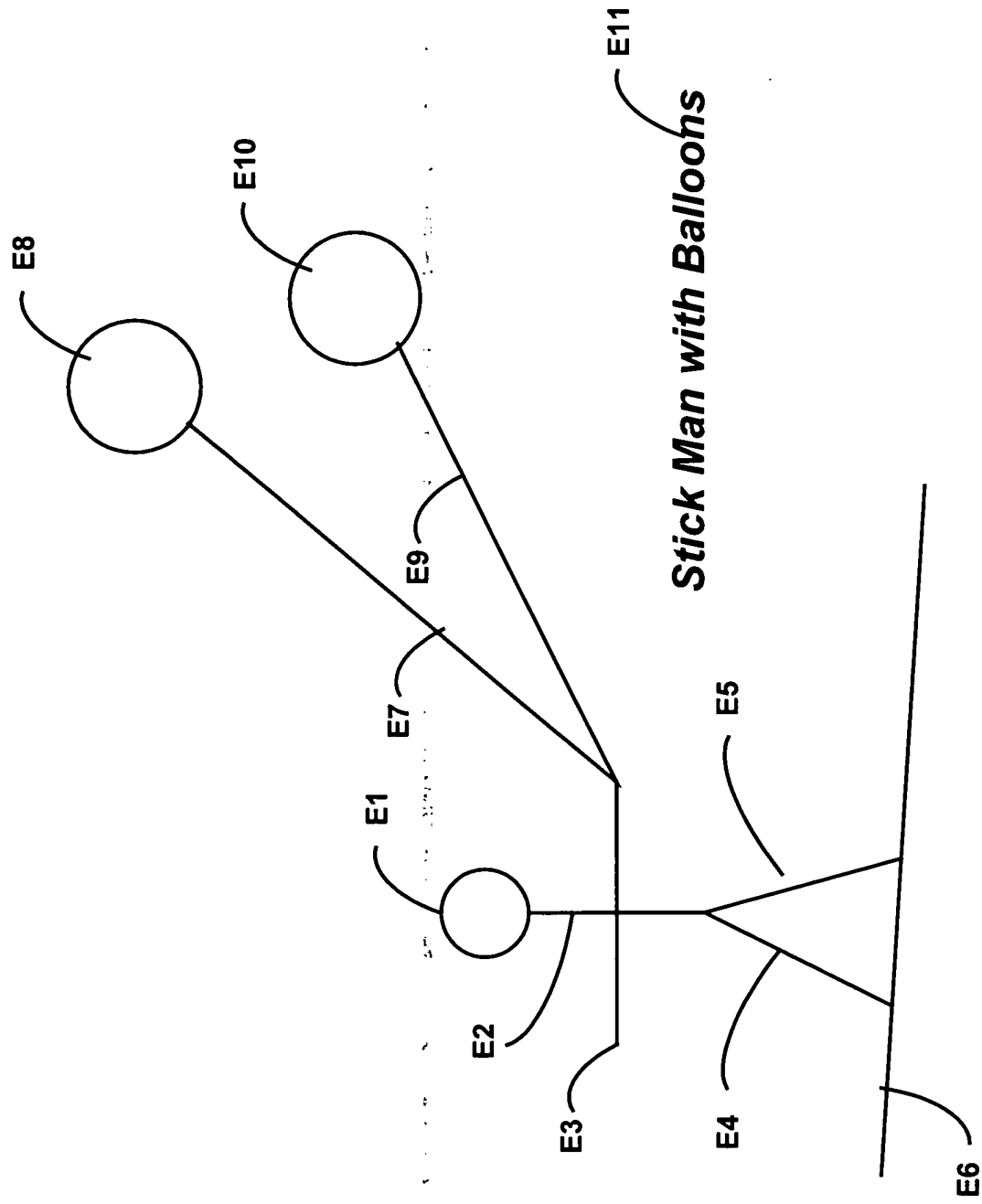
[illegible]

FIG. 7

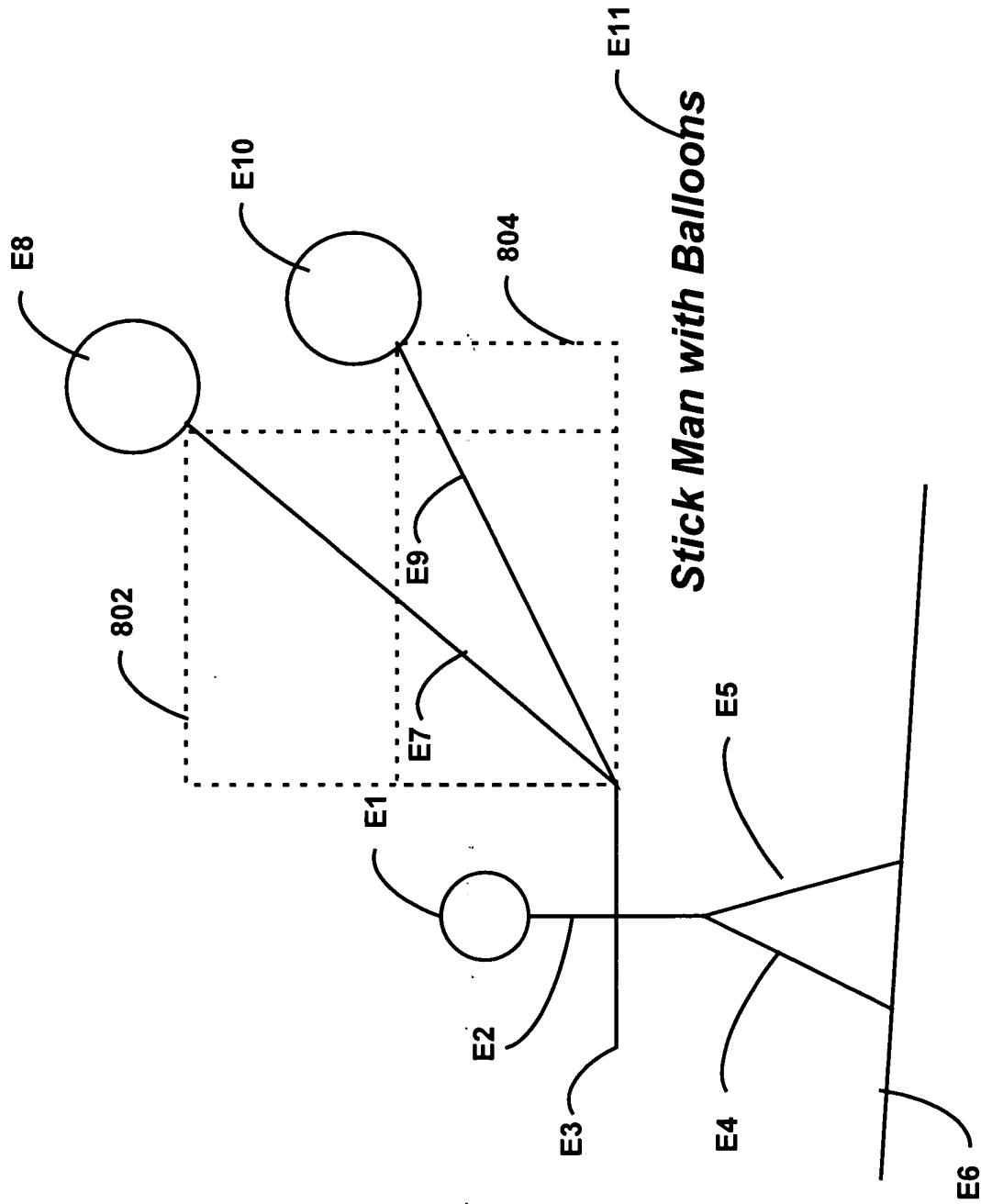


FIG. 8

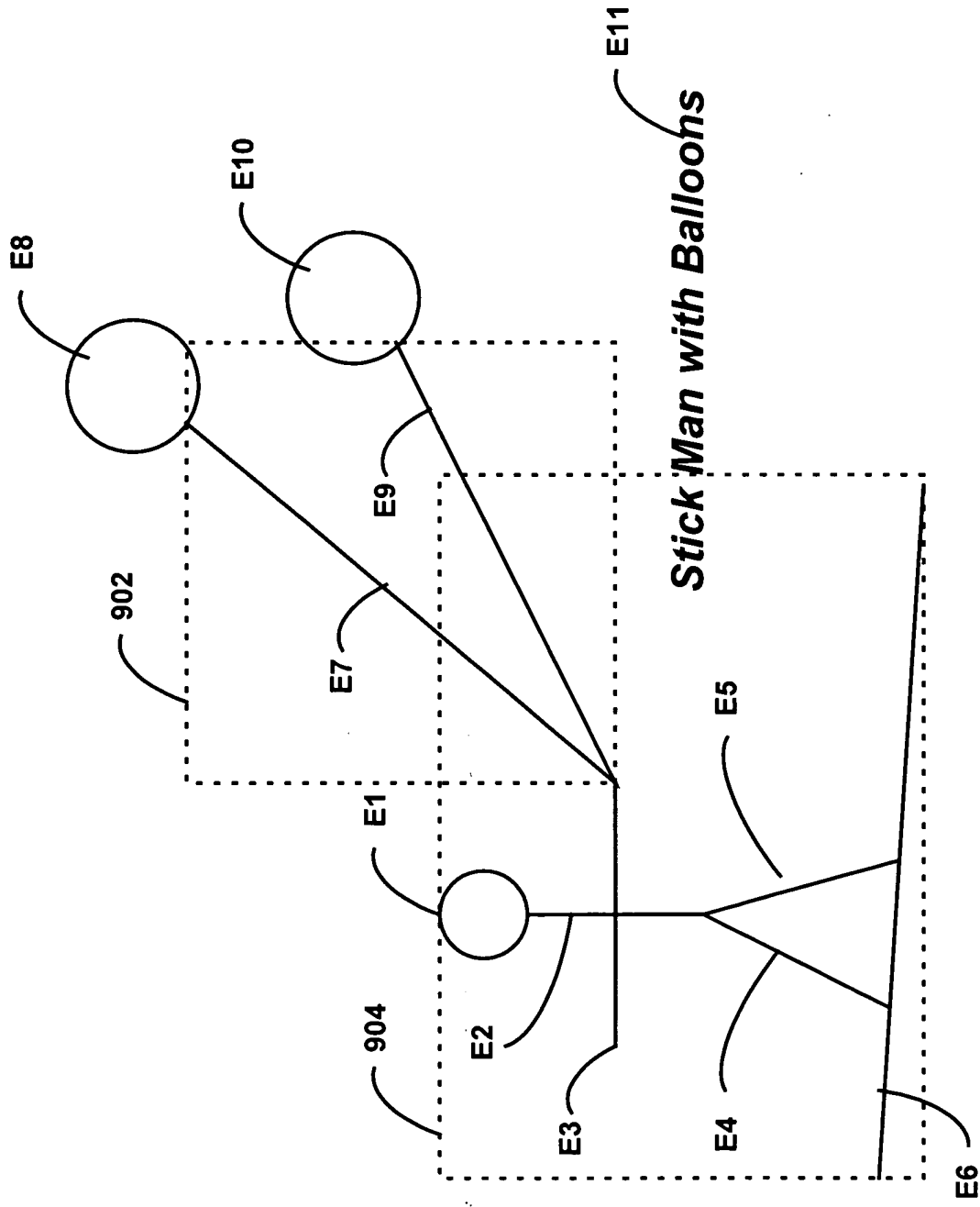


FIG. 9

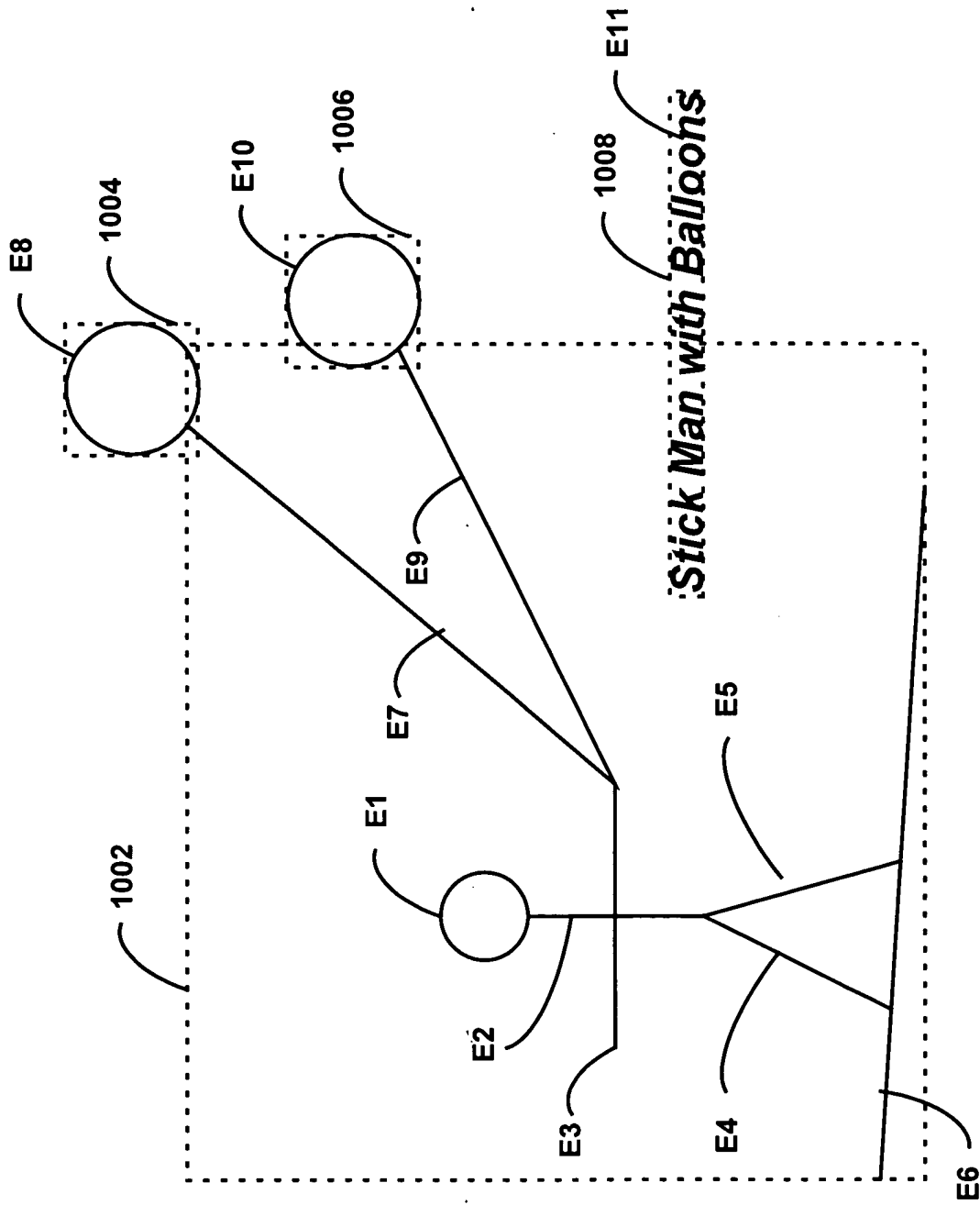


FIG. 10


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graph TD
    1102[RECEIVE A PDL PAGE INCLUDING LINE ART ELEMENTS] --> 1103[DISCARD PAGE ELEMENTS IF SAME COLOR AS BACKGROUND]
    1103 --> 1104[RECURSIVELY COALESCE LINE ART ELEMENTS WITH OVERLAPPING BOUNDING BOXES TO FORM ILLUSTRATIONS]
    1104 --> 1106[FILL GAPS: ADD PDL ELEMENTS WITHIN PDL RANGE OF ILLUSTRATION WHEN BOUNDING BOXES OF PDL ELEMENTS AND ILLUSTRATION OVERLAP]
    1106 --> 1108[GROW ILLUSTRATIONS: ADD PDL ELEMENTS THAT ARE ADJACENT TO PDL RANGE OF ILLUSTRATION WHEN BOUNDING BOXES OF PDL ELEMENTS AND ILLUSTRATION OVERLAP]
    1108 --> 1110[COMBINE ILLUSTRATION WHEN THEIR PDL RANGES ARE ADJACENT AND THEIR BOUNDING BOXES OVERLAP]
  
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FIG. 11

1202



1204

FIG. 12

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